

# HIMANSHU SHARMA

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## Education

**Indian Institute of Information Technology, Una**

**2021 – Present**

*B.Tech. Computer Science and Engineering*

**B.L.J. D.A.V. Public School Jakhal, Fatehabad, Haryana**

**2021**

*12th*

*Percentage: 88.8*

## Technical Skills

**Language:** C/C++, Python, R

**Web Technologies:** HTML, CSS, JS

**Frameworks:** Django, Streamlit

**Cloud Technology :** AWS

**Databases:** MySQL, S3

**Developer Tools:** git, Docker, Google-Colab, Labelme, Anaconda, RStudio

**Areas of Interest:** Machine Learning, Computer Vision, Financial Analysis, Web Scraping

## Experience

**Tanmay Agarwal(Market Researcher)**

**June 2023 – July 2023**

*Quantitative Trading Analyst*

*Gurugram. Haryana*

- Building Trading Strategies and back-testing
- Analysis on World indices
- Analysis on Delivery Volume of stocks

## Projects

**Falcon LLM based Question-Answer Bot** | *Python, Falcon LLM, Hugging Face, Streamlit* [Git](#)

**August 2023**

- Developed a question answering bot using Falcon LLM open source model.
- Also developed a Streamlit WebApp for the question answer using the model

**McCain Product Recognition** | *Python, YOLOv8, Roboflow, OpenCV* [Roboflow](#)

**June 2023**

- Designed and implemented a product recognition solution for identifying and classifying various products from images or videos of McCain Brand

**OpenOCR** | *Python, Streamlit, EasyOCR, OpenCV* [Git](#) [Live](#)

**March 2023**

- Deployed a Website made in streamlit performs OCR using Google Cloud Vision API , performs Realtime OCR also provide feature to change formats of image among tiff, jpeg, png

**Terrain Classifier** | *LANDSAT-8, USGS-EARTH EXPLORER, CNN, Python, Google Colab* [Git](#)

**April 2022**

- Classified the three terrains using the satellite imagery(LANDSAT-8 satellite) from January 2014 to March 2022 of 3 regions of India having Desert, Mountain, Plain terrain

## Certifications

**Learning R Nov 2022** | LinkedIn | [link](#)

**Nov 2022**

**Agriculture Cyber Physical System** | iHub - AWADH @ IIT Ropar | [link](#)

**July 2022**

**Introduction to Internet of Things** | NPTEL | [link](#)

**May 2022**